ABSTRACT OF THE DISCLOSURE

1	Each of duplicated incoming line cards, connected to respective
2	input ports of a self-routing switch, receives an incoming packet,
3	determines an output port of the switch based on an address contained in
4	the packet using routing information stored in a routing table, converts the
5	packet into intra-node cells of fixed length and forwards the cells to the
6	switch so that the cells are routed to the output port. Each of duplicated
7	outgoing line cards, connected to output ports of the switch, receives intra
8	node cells from the switch, converts the cells into a packet, forwards the
9	packet to an outgoing transmission line, and monitors the outgoing
10	transmission line. A fault indication is sent to the incoming line cards if a
11	fault condition is detected in the monitored line. Each incoming line card
12	responds to this indication for updating its table so that traffic is routed to
13	a normally operating outgoing line.